Attorney's Docket No.:06618/692001/CIT 3277

In the claims:

1. (Currently amended) A device, comprising an optical disk-shaped resonator, which is in the shape of a disc formed of an ~~inner~~ core portion, and a cladding layer surrounding said core portion, said cladding layer made of an optically active material, said cladding layer configured to amplify optical energy that is in said core portion.

2. (Original) A device as in claim 1, further comprising a pump laser, optically pumping said cladding layer.

3. (Previously amended) A device as in claim 2 wherein said cladding layer is an erbium doped portion of material.

4. (Cancelled)

5. (Currently amended) A device as in claim 1 wherein said optically active ~~portion~~ material is made of semiconductor material.

6. (Previously amended) A device as in claim 5 wherein said semiconductor material is one of silicon or gallium arsenide.

7. (Currently amended) A device as in claim 1 ~~wherein said~~ further comprising a pumping laser pumps the cladding layer to produce spontaneous emission from the core.

8. (Previously amended) A method of amplifying light, comprising:

introducing light into an optical disk shaped resonator; and

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amplifying the light in the optical disk shaped resonator.

9. (Original) A method as in claim 8 wherein said amplifying comprises amplifying the light until spontaneous emission is caused.

10. (Previously amended) A method as in claim 8 wherein said amplifying comprises using a pump laser to pump a doping in a core portion ~~that is~~ of the optical resonator.

11. (Cancelled)

12. (Previously amended) A method as in claim 8 wherein said optical resonator includes a core and a clad and said resonator has an optically active layer which uses silicon as its optically active layer.

13 - 15 (Cancelled)

31 end

16. (Previously amended) A laser comprising an optical disk shaped resonator, formed of an inner active core material surrounded by an active clad material, and a pump laser which drives said active clad material until said optical resonator spontaneously emits light.